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ABSTRACT

Results of the Residence and Migration Survey of college students for fall 1984 are summarized, based on the annual Higher Education General Information Survey (HEGIS). Data were reported by 2,883 of the 3,331 accredited institutions in the HEGIS universe. Attention was focused on: where state residents attend college, student in-migration from other states, students migrating from foreign countries, and net migration of students by state. Data include the number of first-time students enrolled in HEGIS institutions by state of residence, attendance in state or out of state, and institutional control (public/private); and the number of first-time students from foreign countries, by full-time or part-time attendance status, institutional control, and state of college attended. It was found that about 86% of first- time students attended college in their "home" state, and 14% went out of state. Texas and North Carolina led all states in the proportion of student residents who remained in their home state to attend college, followed by Arizona and California. (SW)

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Residence and Migration of College Students, Fall 1984

Of the approximately 3.4 million students enrolled for the first time in the Nation's institutions of higher education in fall 1984, 468,000 students, or about 13 percent, crossed State lines to attend college. These data are from the survey "Residence and Migration of College Students - Fall 1984," part of the 19th annual Higher Education General Information Survey (HEGIS) conducted by the Center for Education Statistics.

The Residence and Migration survey gathers data on students taking credit courses at an institution for the first time at the undergraduate, graduate, first-professional and unclassified levels. The data in this report represent responses from 87 percent of all accredited institutions of higher education (see appendix for more technical information). Data from the fall 1986 Residence and Migration survey, part of the Center's new Integrated Postsecondary Education Data System (IPEDS), will be available next summer.

Several concepts describe residence and migration of first-time students in colleges. This report focuses on four measures:

- Where State residents attend college;
- Student in-migration from other States;
- Students migrating from foreign countries;
- Net migration of students, by State.

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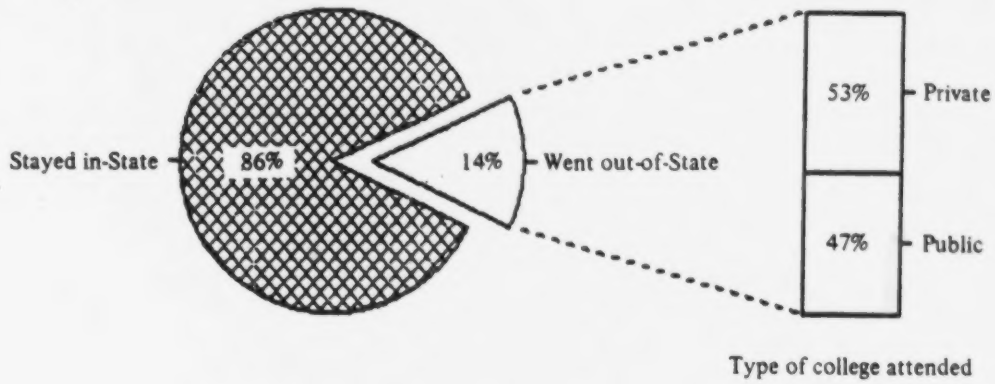
Where State Residents Attend College

For this survey, the home State was defined as the State in which the student was residing when first admitted to an institution at their current student level. Data can be used to show where students from a State (or State residents) attend college. Table 1 shows the distribution of State residents by their attendance of college in-State or out-of-State, and by control of the colleges attended.

Approximately 86 percent of first-time students attended college in their "home" State, and 14 percent went out of State. The majority of students remaining in-State chose to attend public institutions (table 1). Students who went out-of-State were about evenly divided in their choice of public and private colleges (figure 1).

Figure 1.–Residence and migration of first-time students: Fall 1984



Texas and North Carolina led all States in the proportion of student residents who remained in their home State to attend college (94 percent). Arizona followed with 93 percent and California with 92 percent remaining in-State (table 1). States with the highest proportions of residents who left their home State to attend college were the District of Columbia (47 percent),[1] New Hampshire (39 percent), New Jersey and Alaska (37 percent each), and Delaware (33 percent).

[1] About 43 percent of first-time students from the District of Columbia went to college in the adjacent States of Maryland and Virginia.

Student In-Migration from Other States

In the District of Columbia, 7 out of 10 first-time students came from other States in fall 1984.[2] About 40 percent of the first-time students in Delaware, Vermont, and New Hampshire were from other States. California, New Jersey, and Nevada, however, drew only 6 percent of their students from other States. The States with highest and lowest proportions of in-migration of first-time college students from other States (as a percent of total first-time enrollment) were:

States with highest percentages of in-migration		States with lowest percentages of in-migration	
District of Columbia	71	California	6
Delaware	40	Nevada	6
Vermont	40	New Jersey	6
New Hampshire	39	Illinois	7
Rhode Island	34	Michigan	7
North Dakota	31		

The number of first-time students who migrated into each State to attend college and the percent of student enrollment they compose for that State are shown in table 2.

Students Migrating From Foreign Countries

In the fall of 1984, 86,600 citizens of foreign countries enrolled as first-time students in the United States (3 percent of all first-time students). Five States enrolled nearly 35,000 (40 percent) of these students (table 3). California and New York each enrolled more than 10 percent of all foreign students. Texas, Florida, and Massachusetts also had substantial numbers of new foreign students.

More than 12 percent of first-time students in the District of Columbia came from foreign nations. This was about three times more than the next two highest States, Louisiana and Florida, with 4.3 and 4.1 percent, respectively. Less than 1 percent of first-time students in Nevada and Maine were from foreign countries.

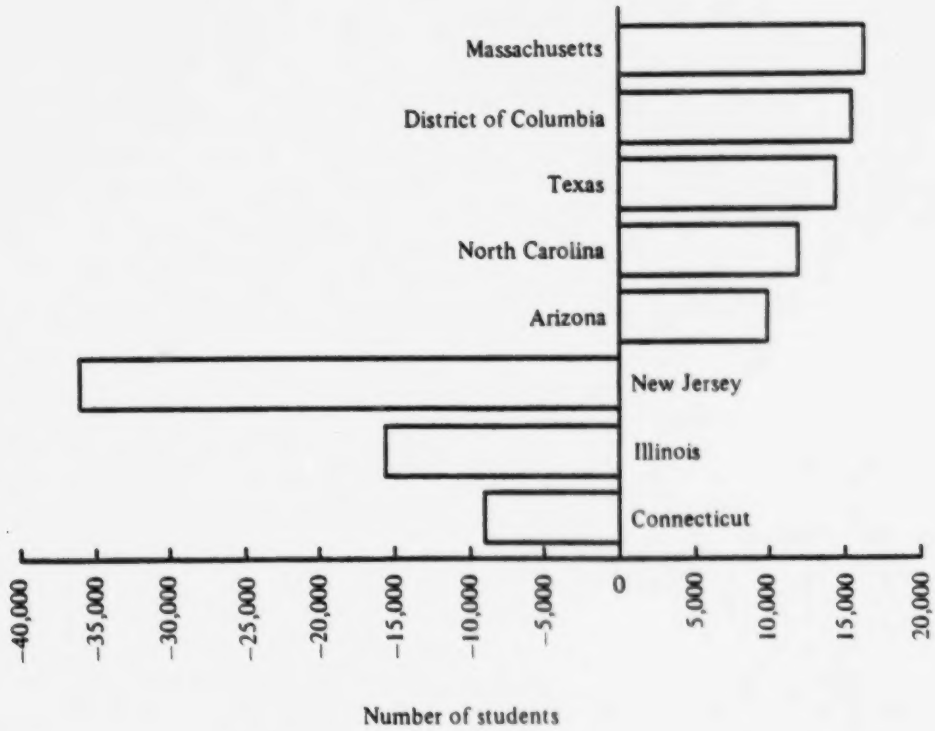
[2] About 36 percent of the first-time students enrolled in colleges and universities in the District of Columbia came from the surrounding States of Maryland and Virginia.

Net Migration of First-time Students

Net migration is the difference between the number of first-time students coming into a State to attend college and the number of first-time students that left their home State to attend college elsewhere. A State has a net gain if more students migrate into the State than left the State. A net loss results when more students leave the State to attend college than come into the State. Table 4 shows the net migration of all first-time students for each State, including and excluding students from foreign countries and the outlying areas.

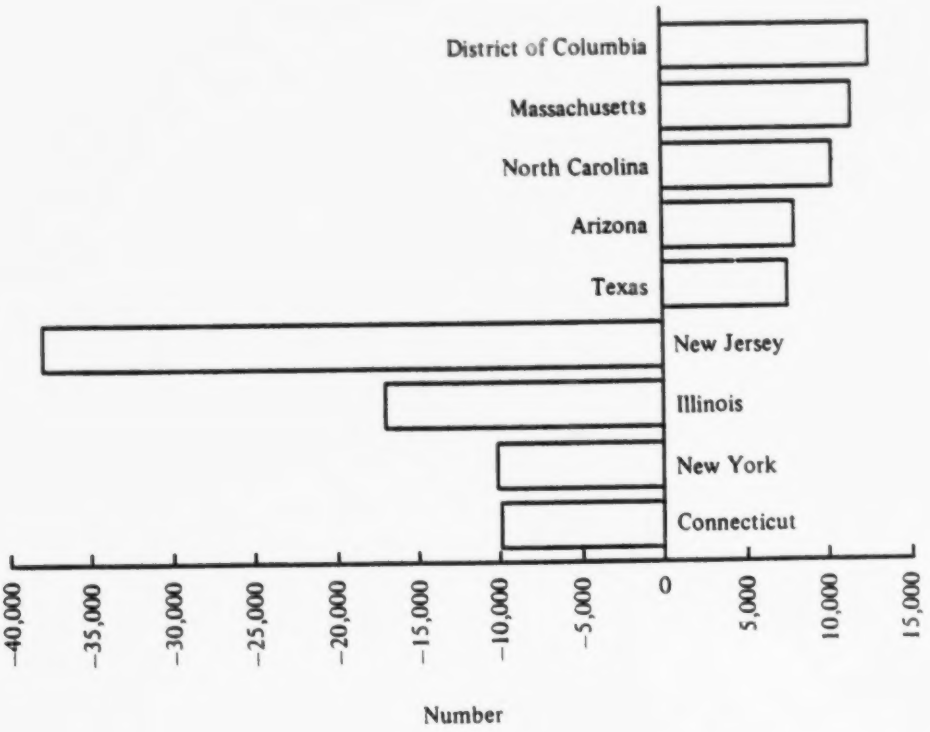
With foreign students included, Massachusetts, the District of Columbia, Texas, North Carolina, and Arizona showed the largest net gain of students, ranging from nearly 10,000 to more than 16,000 students. New Jersey registered a net loss of more than 36,000 students, by far the largest loss of any State. Illinois and Connecticut had net losses of about 14,000 and 9,000, respectively (figure 2).

Figure 2.–States with the largest net migration, including foreign students: Fall 1984



When foreign students are excluded, net migration changes for some States. In California, a 5,000 net gain becomes a 4,000 net loss (table 4), due to the large number of foreign first-time students enrolled. Other States showing large changes in net migration are: New York (-750 to -10,100), Florida (6,400 to 300), and Texas (14,500 to 7,600). States with the highest and lowest net migrations, excluding foreign students, are shown in figure 3.

Figure 3.–States with the largest net migration, excluding foreign students: Fall 1984



Description of Survey

The data in this report are from the Residence and Migration survey, conducted in fall 1984 by the Center for Education Statistics as part of the Higher Education General Information Surveys (HEGIS XIX). Data include the number of first-time students enrolled in each HEGIS institution in the fall 1984, by State of residence, status (full- or part-time), and level of program (undergraduate, graduate, first-professional, and unclassified). About 7 percent of respondents supplied residence data inconsistent with reported enrollment data on the HEGIS 1984 Fall Enrollment survey.

Data were reported by 2,883 of the 3,331 accredited institutions in the HEGIS universe. No imputations were made for the 448 nonresponding institutions because this survey had not been conducted since 1981. Data for 1981 were not considered to be representative of residence and migration patterns in 1984.

The Residence and Migration survey provides data on migration patterns by State, and are available only from a national survey. However, data for each State are only as good as the data provided by institutions in that State. The response rates for this survey, by State, are shown in the appendix table A.

For More Information

Data from the Residence and Migration survey are available on computer tape and may be obtained by contacting:

U.S. Department of Education
Office of Educational Research and Improvement
Information Systems and Media Services
555 New Jersey Avenue NW.
Washington, D.C. 20208-1327
Telephone: (202) 357-6520

Table 1.--First-time students in institutions of higher education, by State of residence, attendance in- or out-of-State, and control of institution: Fall 1984

State of residence	Total student residents of State		Remained in-State			Went out-of-State		
	Number*	Percent	Total	Public	Private	Total	Public	Private
	-	-	(Percentage distribution)					
50 States and D.C.	3,377,771	100	86	70	16	14	7	7
Alabama	50,070	100	90	82	8	10	5	4
Alaska	7,159	100	63	56	7	37	24	13
Arizona	68,988	100	93	90	3	7	3	4
Arkansas	25,878	100	84	75	8	16	11	5
California	313,949	100	92	79	13	8	4	4
Colorado	50,124	100	84	79	4	16	7	9
Connecticut	61,442	100	71	55	16	29	8	22
Delaware	9,291	100	67	54	13	33	14	18
District of Columbia	6,965	100	53	19	34	47	28	20
Florida	127,913	100	87	77	10	13	6	7
Georgia	54,680	100	84	69	15	16	9	7
Hawaii	15,429	100	81	72	9	19	9	10
Idaho	12,248	100	75	66	9	25	13	11
Illinois	184,172	100	84	63	21	16	9	7
Indiana	64,863	100	87	74	13	13	6	7
Iowa	46,043	100	85	65	20	15	9	6
Kansas	43,451	100	89	81	8	11	5	5
Kentucky	41,061	100	87	72	15	13	6	6
Louisiana	47,709	100	91	81	10	9	6	3
Maine	17,029	100	78	64	14	22	8	14
Maryland	80,017	100	79	72	7	21	8	13
Massachusetts	119,546	100	84	44	40	16	5	10
Michigan	135,565	100	91	77	14	9	5	5
Minnesota	44,661	100	74	53	21	26	18	8
Mississippi	39,502	100	91	84	7	9	6	3
Missouri	64,372	100	86	68	17	14	8	6
Montana	12,262	100	81	67	14	19	10	9
Nebraska	28,650	100	87	76	11	13	8	5
Nevada	16,981	100	87	86	0	13	8	6
New Hampshire	12,727	100	61	35	26	39	15	24
New Jersey	115,337	100	63	54	9	37	12	25
New Mexico	17,423	100	78	76	2	22	14	9
New York	310,493	100	86	53	34	14	5	8
North Carolina	101,798	100	94	83	12	6	3	3
North Dakota	8,460	100	75	72	3	25	17	8
Ohio	129,431	100	87	69	19	13	7	6
Oklahoma	51,839	100	91	83	8	9	5	3
Oregon	45,317	100	88	81	7	12	5	6
Pennsylvania	161,205	100	85	56	29	15	7	8
Rhode Island	21,051	100	81	62	18	19	7	13
South Carolina	44,106	100	90	76	14	10	5	5
South Dakota	9,482	100	76	54	23	24	17	6
Tennessee	56,154	100	88	75	13	12	7	5
Texas	190,677	100	94	85	9	6	3	3
Utah	27,034	100	91	82	9	9	4	4
Vermont	8,696	100	74	52	22	26	11	15
Virginia	88,529	100	84	76	8	16	7	9
Washington	67,514	100	88	82	6	12	5	6
West Virginia	20,202	100	85	73	13	15	8	6
Wisconsin	92,023	100	91	83	8	9	5	4
Wyoming	8,253	100	81	81	-	19	12	7

- Not applicable.
* These numbers may be underestimated for some States (see response rates in appendix table A).
Note.--Details may not add to totals due to rounding.

Table 2.--In-migration of first-time students in institutions of higher education, by State: Fall 1984

State	First-time students enrolled in State*	Migration of students into State*	In-migration as a percent of total enrollment
50 States and D.C.	3,469,110	468,023	13
Alabama	54,722	8,569	16
Alaska	4,986	424	9
Arizona	78,792	12,625	16
Arkansas	25,501	3,391	13
California	319,119	20,326	6
Colorado	51,912	8,842	17
Connecticut	52,390	8,054	15
Delaware	10,581	4,214	40
District of Columbia	22,502	15,934	71
Florida	134,295	16,963	13
Georgia	59,562	11,772	20
Hawaii	15,611	1,833	12
Idaho	13,185	3,633	28
Illinois	170,594	12,243	7
Indiana	71,558	13,178	18
Iowa	49,397	8,929	18
Kansas	46,836	6,976	15
Kentucky	43,246	7,005	16
Louisiana	52,081	6,585	13
Maine	16,223	2,697	17
Maryland	76,484	10,842	14
Massachusetts	135,906	30,125	22
Michigan	135,015	8,897	7
Minnesota	42,251	8,003	19
Mississippi	40,603	4,123	10
Missouri	68,647	12,186	18
Montana	11,613	1,493	13
Nebraska	29,150	3,786	13
Nevada	15,749	914	6
New Hampshire	13,371	5,183	39
New Jersey	79,318	4,398	6
New Mexico	17,662	3,529	20
New York	309,688	32,416	10
North Carolina	113,631	16,293	14
North Dakota	9,514	2,912	31
Ohio	130,008	14,262	11
Oklahoma	53,855	4,715	9
Oregon	47,734	6,126	13
Pennsylvania	168,753	28,383	17
Rhode Island	26,500	9,084	34
South Carolina	46,788	5,923	13
South Dakota	10,067	2,571	26
Tennessee	61,345	10,781	18
Texas	205,129	18,566	9
Utah	32,110	6,456	20
Vermont	11,016	4,358	40
Virginia	91,209	15,999	18
Washington	67,429	5,683	8
West Virginia	21,943	4,506	21
Wisconsin	95,535	10,118	11
Wyoming	7,994	1,199	15

* These numbers may be underestimated for some States (see response rates in appendix table A). Excludes foreign students.

Table 3.--First-time students from foreign countries, by attendance status, control of institution, and State of college attended: Fall 1984

State	All first-time students*	Attendance status		Control of institution	
		Full-time	Part-time	Public	Private
50 States and D.C.	86,643	68,722	17,921	54,765	31,878
Alabama	800	717	83	698	102
Alaska	60	52	8	52	8
Arizona	1,289	925	364	1,208	81
Arkansas	475	400	75	355	120
California	9,090	5,621	3,469	5,641	3,449
Colorado	1,140	801	339	973	167
Connecticut	858	782	76	288	570
Delaware	127	103	24	116	11
District of Columbia	2,759	1,905	854	546	2,213
Florida	5,537	4,028	1,509	4,154	1,383
Georgia	1,627	1,380	247	1,030	597
Hawaii	986	892	94	352	634
Idaho	307	281	26	152	155
Illinois	3,342	2,564	778	2,452	890
Indiana	1,663	1,445	218	1,191	472
Iowa	1,254	1,143	111	768	486
Kansas	1,052	909	143	922	130
Kentucky	477	419	58	360	117
Louisiana	2,229	1,820	409	2,042	187
Maine	122	111	11	46	76
Maryland	2,486	1,765	721	2,022	464
Massachusetts	4,495	4,184	311	689	3,806
Michigan	3,328	2,896	432	2,597	731
Minnesota	1,158	988	170	736	422
Mississippi	436	379	57	411	25
Missouri	1,193	1,012	181	670	523
Montana	184	165	19	170	14
Nebraska	387	321	66	285	102
Nevada	109	93	16	107	2
New Hampshire	275	266	9	45	230
New Jersey	1,885	1,651	234	1,028	857
New Mexico	547	375	172	544	3
New York	8,748	7,128	1,620	3,341	5,407
North Carolina	1,417	1,177	240	914	503
North Dakota	252	200	52	244	8
Ohio	2,888	2,470	418	2,039	849
Oklahoma	1,729	1,429	300	1,375	354
Oregon	1,433	1,195	238	1,172	261
Pennsylvania	3,020	2,566	454	1,385	1,635
Rhode Island	417	396	21	144	273
South Carolina	1,181	1,025	156	458	723
South Dakota	258	220	38	177	81
Tennessee	922	679	243	435	487
Texas	6,688	5,236	1,452	5,756	932
Utah	932	773	159	584	348
Vermont	241	227	14	51	190
Virginia	1,089	914	175	921	168
Washington	1,972	1,466	506	1,567	405
West Virginia	236	211	25	177	59
Wisconsin	1,450	927	523	1,282	168
Wyoming	93	90	3	93	-

- Not applicable.
* These numbers may be underestimated for some States (see response rates in appendix table A).

Table 4.--Net migration of first-time students, by State: Fall 1984

State of residence	Went out-of-State	Migration of students			
		Including foreign students		Excluding foreign students[1]	
		Into State*	Net migration	Into State	Net migration
50 States and D.C.	468,023	559,591	91,568	468,023	0[2]
Alabama	4,775	9,429	4,654	8,569	3,794
Alaska	2,660	487	-2,173	424	-2,236
Arizona	4,674	14,478	9,804	12,625	7,951
Arkansas	4,244	3,868	-376	3,391	-853
California	24,384	29,595	5,211	20,326	-4,058
Colorado	8,210	10,001	1,791	8,842	632
Connecticut	18,016	8,969	-9,047	8,054	-9,962
Delaware	3,050	4,342	1292	4,214	1,164
District of Columbia	3,301	18,838	15537	15,934	12,633
Florida	16,647	23,047	6,400	16,963	316
Georgia	8,614	13,499	4,885	11,772	3,158
Hawaii	2,867	3,055	188	1,833	-1,034
Idaho	3,007	3,944	937	3,633	626
Illinois	29,233	15,662	-13,571	12,243	-16,990
Indiana	8,248	14,944	6,696	13,178	4,930
Iowa	6,871	10,226	3,355	8,929	2,058
Kansas	4,670	8,057	3,387	6,976	2,306
Kentucky	5,304	7,489	2,185	7,005	1,701
Louisiana	4,486	8,860	4,374	6,585	2,099
Maine	3,630	2,827	-803	2,697	-933
Maryland	16,998	13,470	-3,528	10,842	-6,156
Massachusetts	18,589	34,961	16,372	30,125	11,536
Michigan	12,857	12,311	-546	8,897	-3,960
Minnesota	11,591	9,183	-2,408	8,003	-3,588
Mississippi	3,499	4,600	1,101	4,123	624
Missouri	9,246	13,521	4,275	12,186	2,940
Montana	2,326	1,677	-649	1,493	-833
Nebraska	3,690	4,191	501	3,786	96
Nevada	2,257	1,025	-1,232	914	-1,343
New Hampshire	4,932	5,576	644	5,183	251
New Jersey	42,336	6,330	-36,006	4,398	-37,938
New Mexico	3,896	4,135	239	3,529	-367
New York	42,574	41,823	-751	32,416	-10,158
North Carolina	5,986	17,823	11,837	16,293	10,307
North Dakota	2,110	3,164	1,054	2,912	802
Ohio	16,690	17,270	580	14,262	-2,428
Oklahoma	4,430	6,447	2,017	4,715	285
Oregon	5,219	7,639	2,420	6,126	907
Pennsylvania	24,055	31,616	7,561	28,383	4,328
Rhode Island	4,082	9,533	5,451	9,084	5,002
South Carolina	4,430	7,113	2,683	5,923	1,493
South Dakota	2,244	2,829	585	2,571	327
Tennessee	6,560	11,752	5,192	10,781	4,221
Texas	10,976	25,432	14,456	18,566	7,590
Utah	2,315	7,391	5,076	6,456	4,141
Vermont	2,286	4,606	2,320	4,358	2,072
Virginia	14,452	17,135	2,683	15,999	1,547
Washington	7,791	7,710	-81	5,683	-2,108
West Virginia	3,009	4,750	1,741	4,506	1,497
Wisconsin	8,155	11,669	3,514	10,118	1,963
Wyoming	1,551	1,292	-259	1,199	-352

* These numbers may be underestimated for some States (see response rates in appendix table A).

[1] Students from foreign countries and outlying territories.

[2] Net migration is the difference between the number of first-time students coming into a State to attend college and the number of students that left their home State to attend college elsewhere. When foreign students are excluded, the net is '0' for the Nation.

Appendix

Table A.--Response rates of the 1984 Residence and Migration Survey

State	Total institutions of higher education	Respondent institutions	Response rates (percent)
50 States and D.C.	3,331	2,883	87
Alabama	77	61	79
Alaska	15	11	73
Arizona	31	28	90
Arkansas	36	34	94
California	289	202	70
Colorado	47	40	85
Connecticut	48	47	98
Delaware	8	8	100
District of Columbia	19	16	84
Florida	88	68	77
Georgia	80	72	90
Hawaii	12	12	100
Idaho	10	9	90
Illinois	163	141	87
Indiana	74	67	91
Iowa	59	56	95
Kansas	52	52	100
Kentucky	45	38	84
Louisiana	31	30	97
Maine	30	29	97
Maryland	56	54	96
Massachusetts	121	111	92
Michigan	92	87	95
Minnesota	69	47	68
Mississippi	42	38	90
Missouri	93	80	86
Montana	16	15	94
Nebraska	28	28	100
Nevada	8	8	100
New Hampshire	28	21	75
New Jersey	60	50	83
New Mexico	20	16	80
New York	300	246	82
North Carolina	128	118	92
North Dakota	19	12	63
Ohio	141	115	82
Oklahoma	46	45	98
Oregon	47	44	94
Pennsylvania	204	197	97
Rhode Island	13	12	92
South Carolina	63	60	95
South Dakota	18	18	100
Tennessee	80	66	83
Texas	157	137	87
Utah	14	12	86
Vermont	22	20	91
Virginia	71	66	93
Washington	52	44	85
West Virginia	29	27	93
Wisconsin	62	56	90
Wyoming	8	7	88
U.S. Service Schools	10	5	50